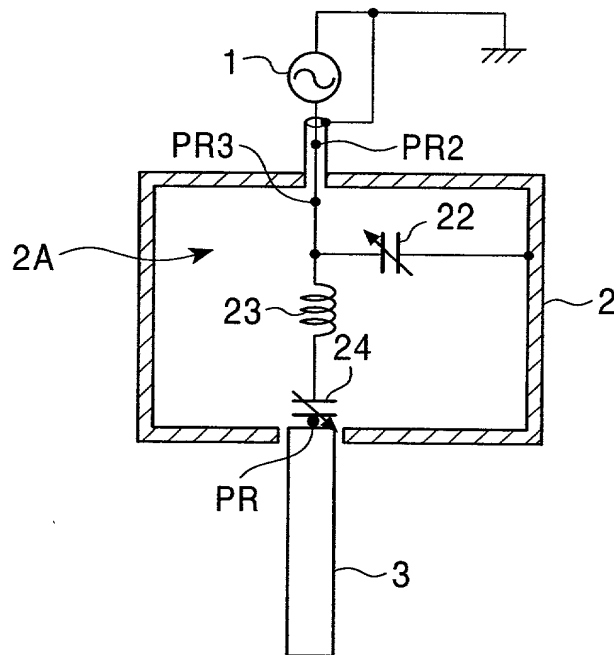




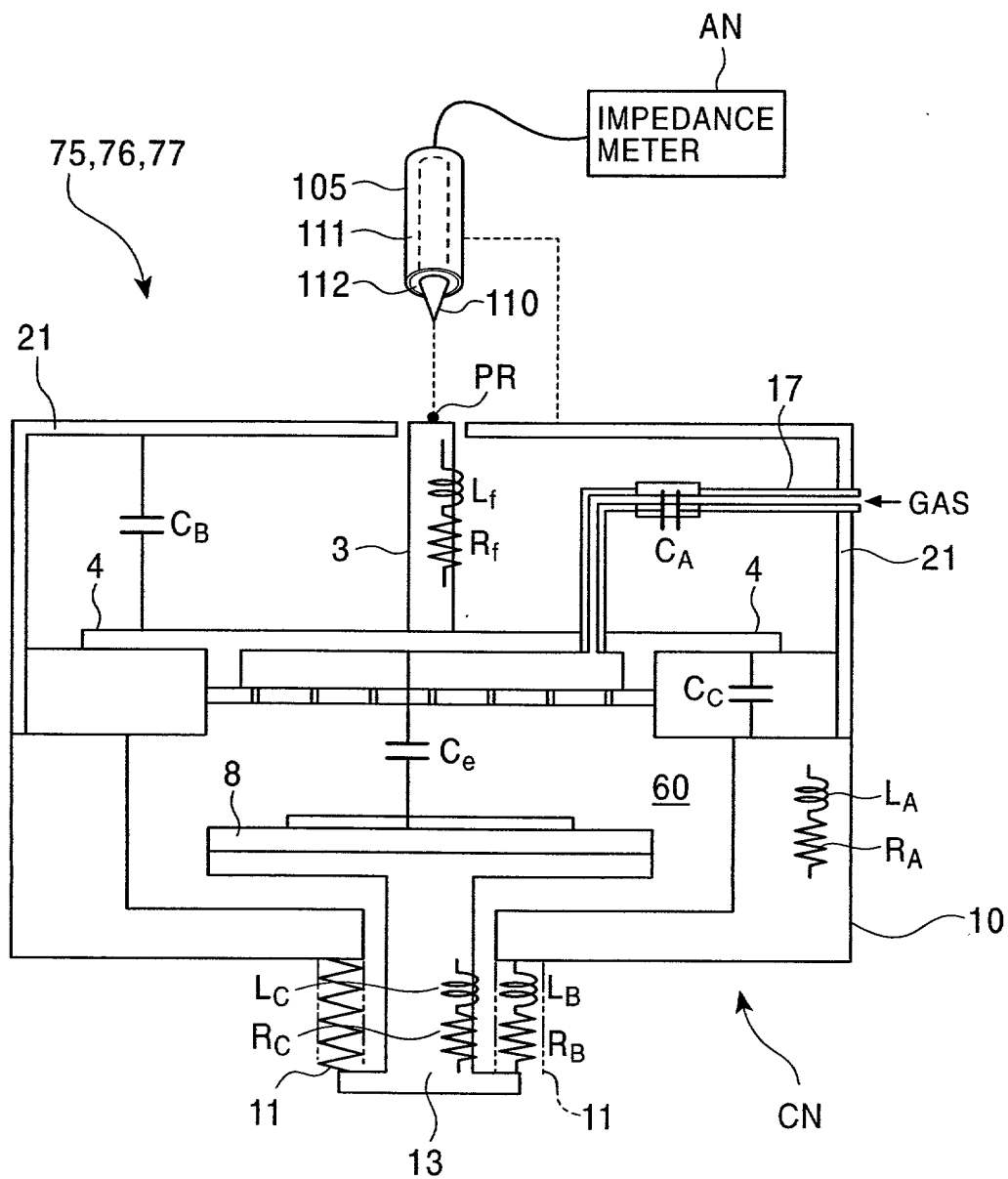
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FIG. 2



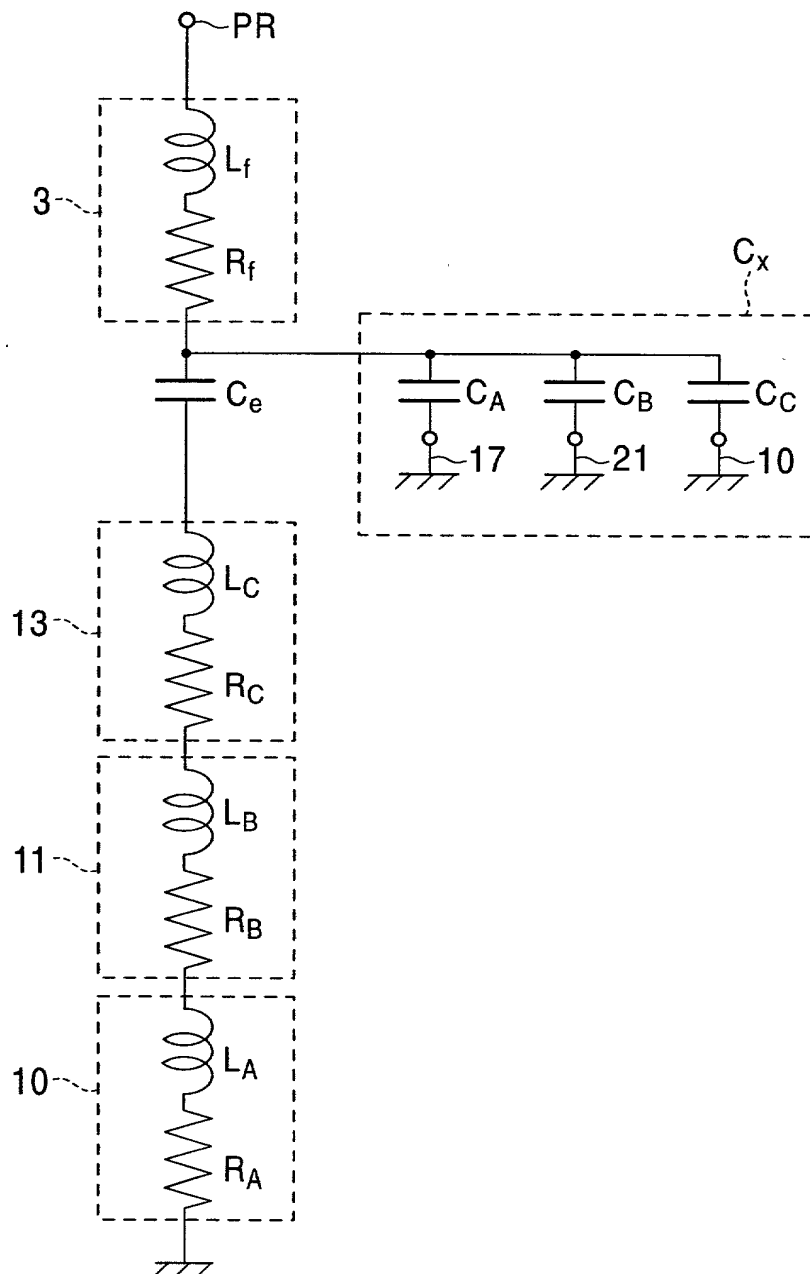
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FIG. 3



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FIG. 4



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FIG. 5

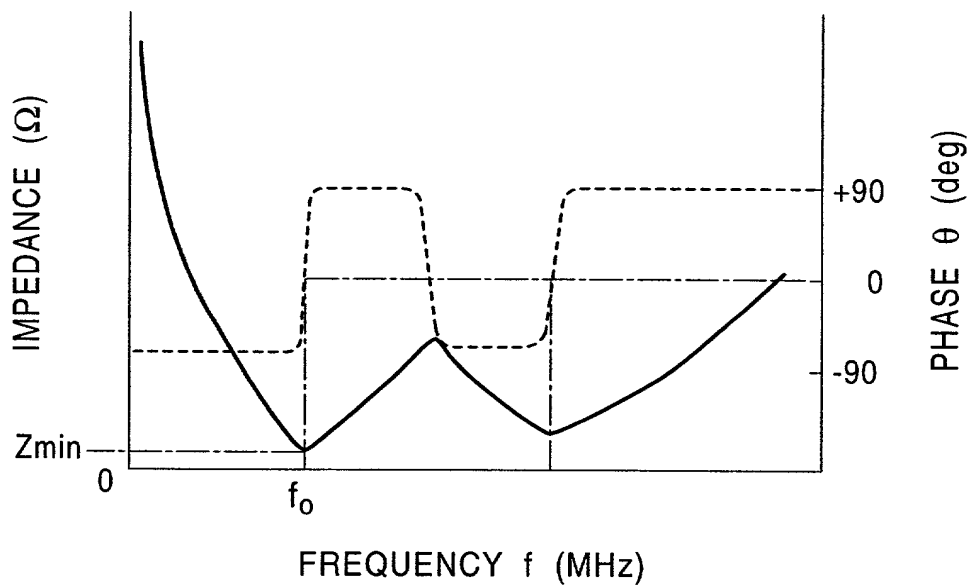
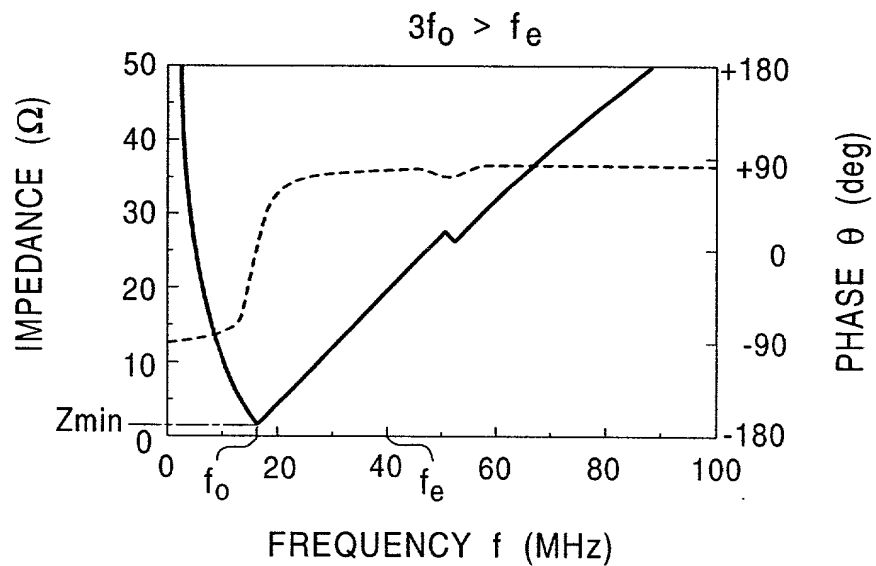
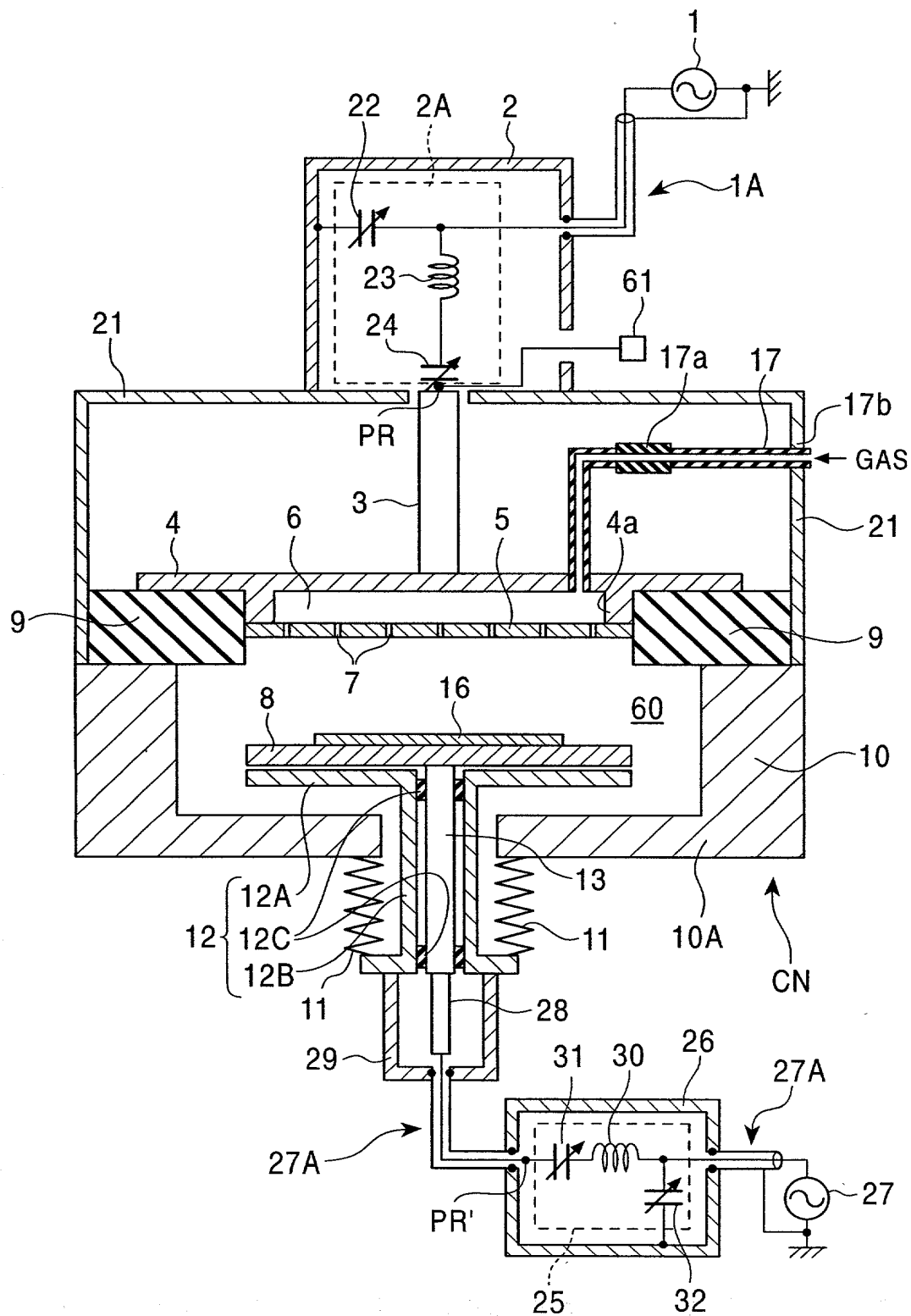


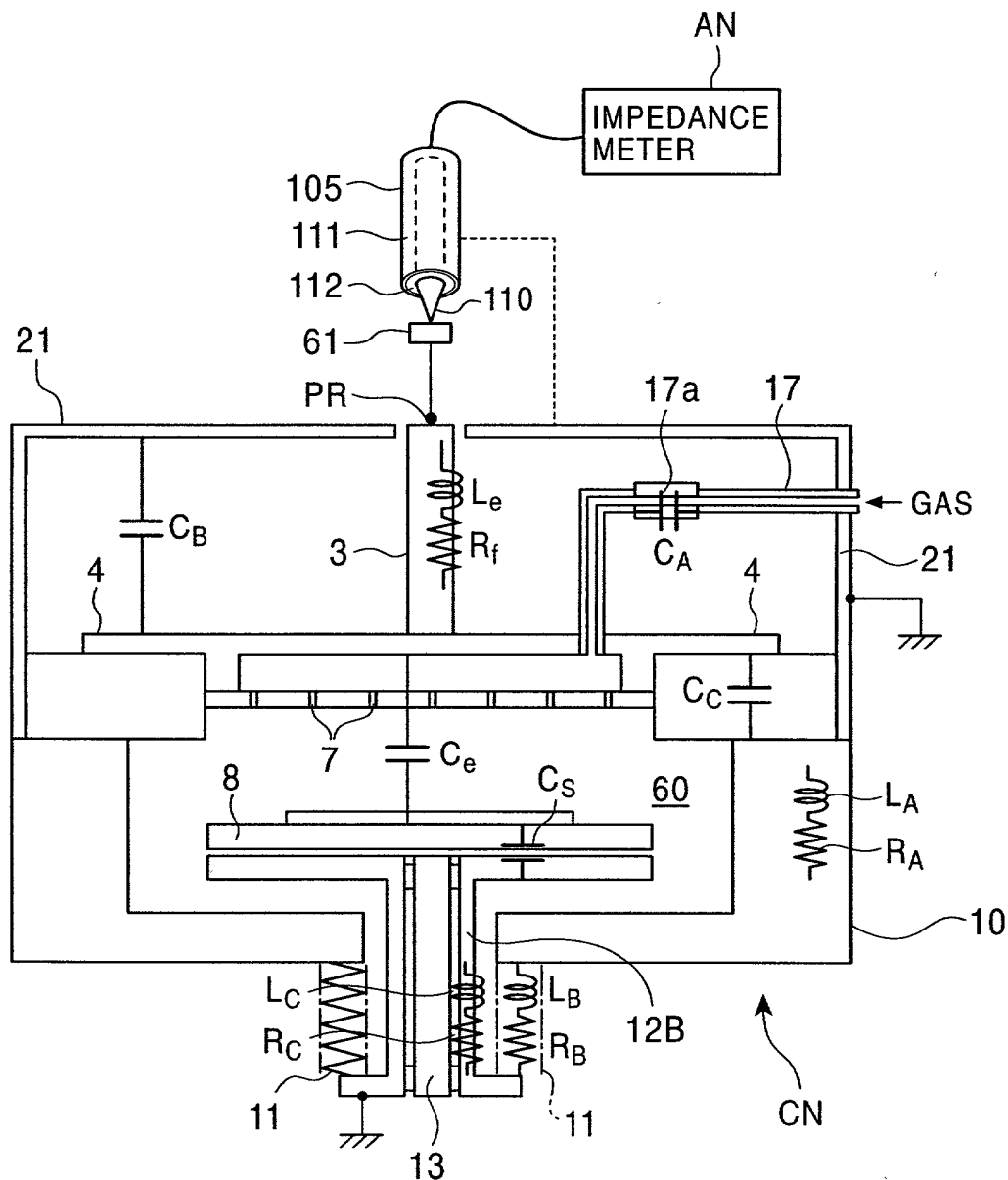
FIG. 6





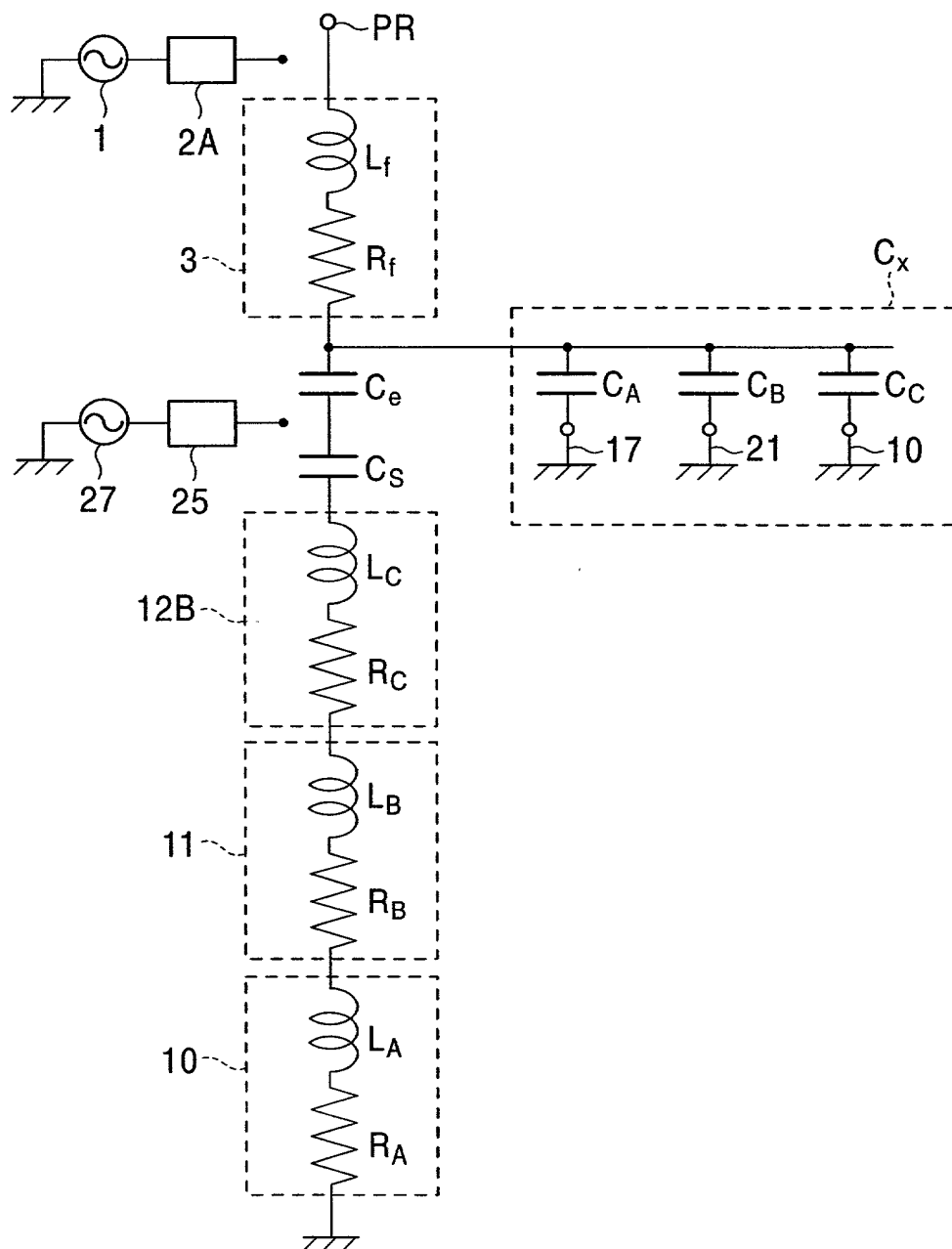
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FIG. 8



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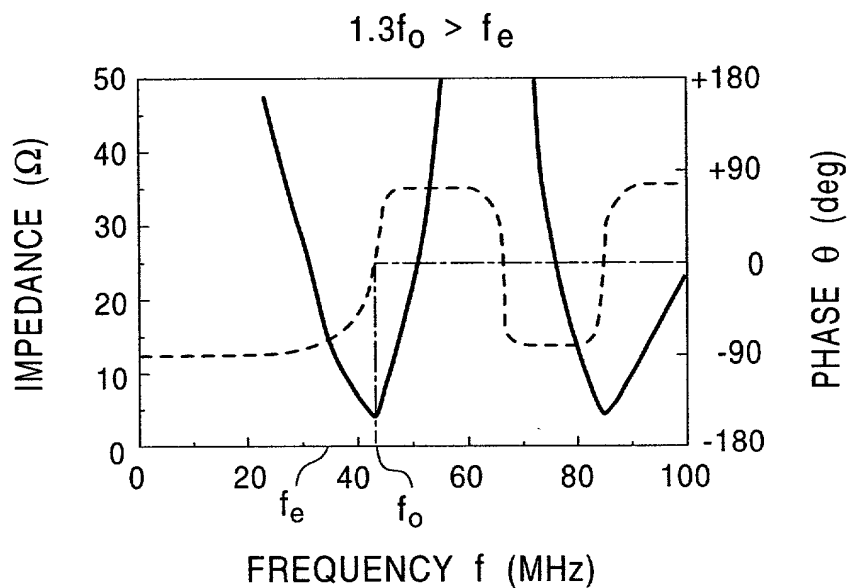
FIG. 9

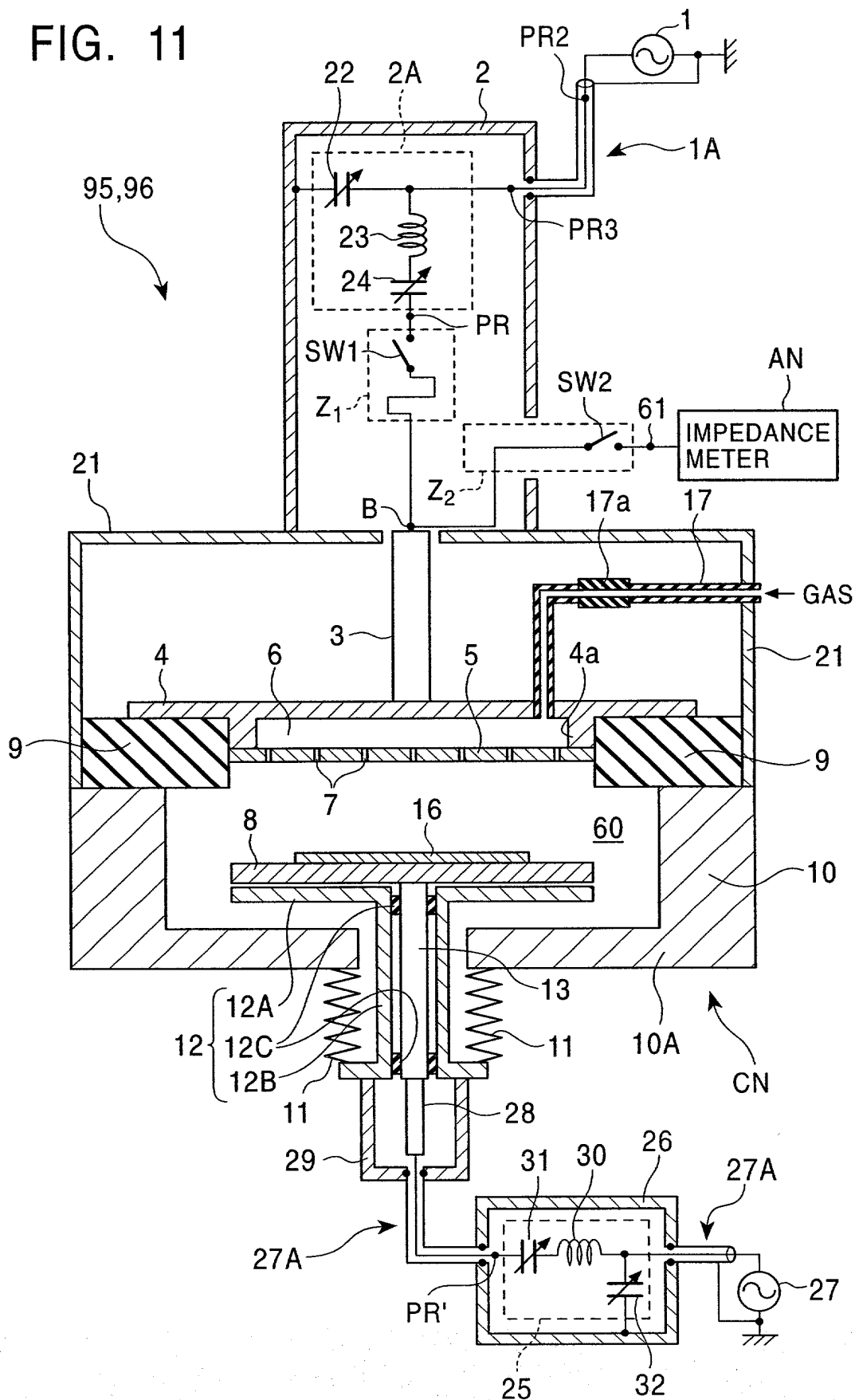




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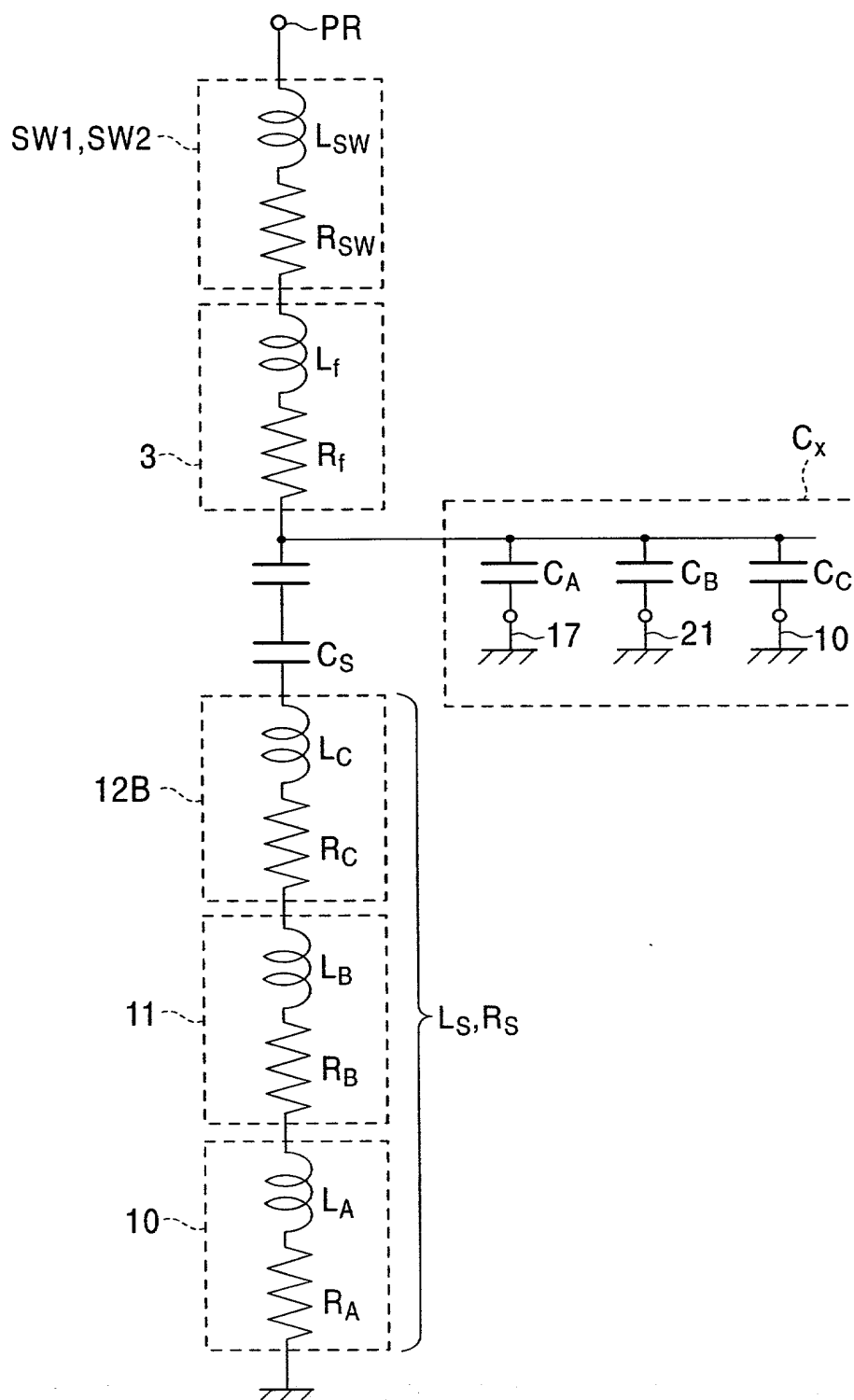
FIG. 10





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FIG. 12



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FIG. 13

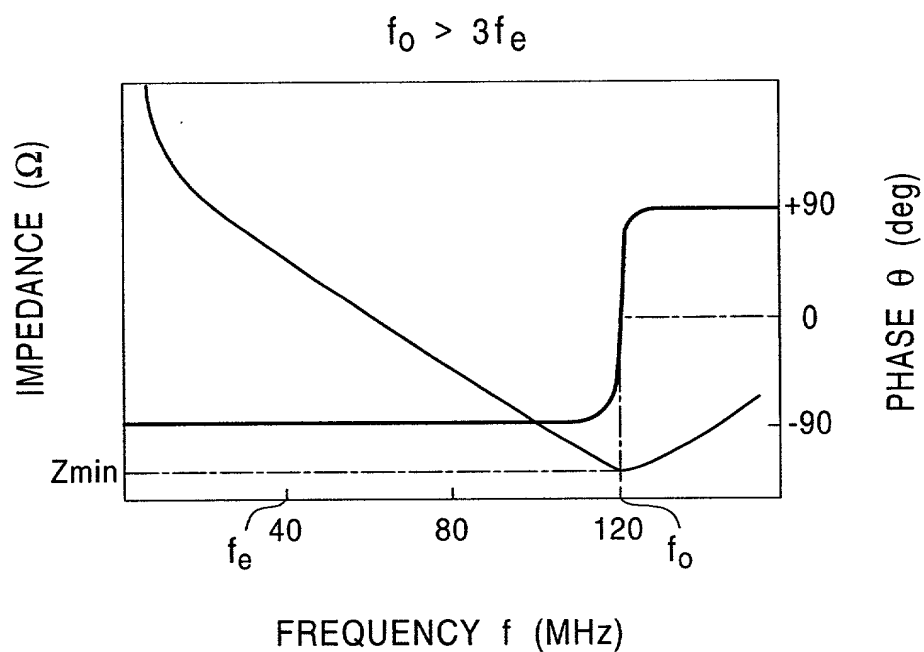
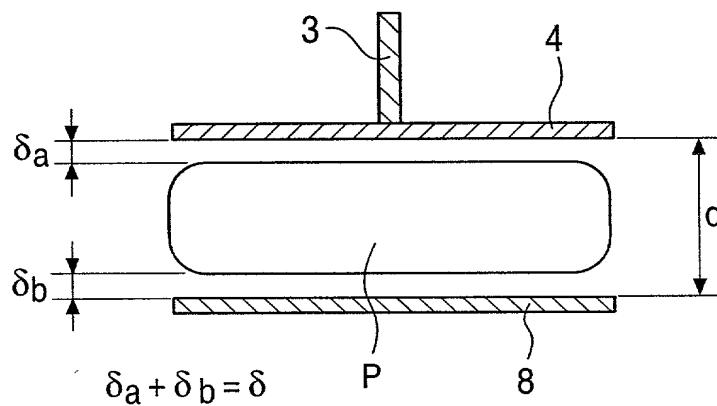
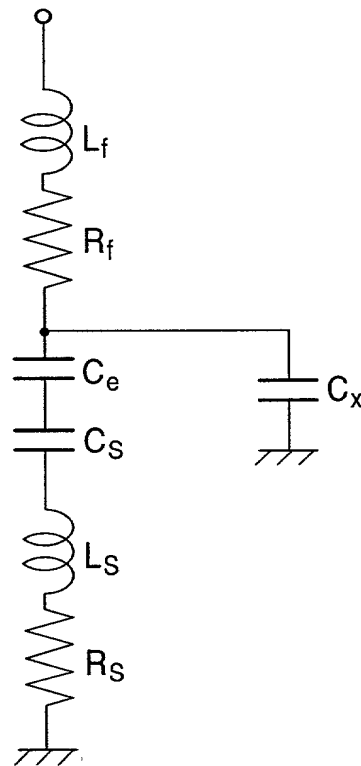


FIG. 14



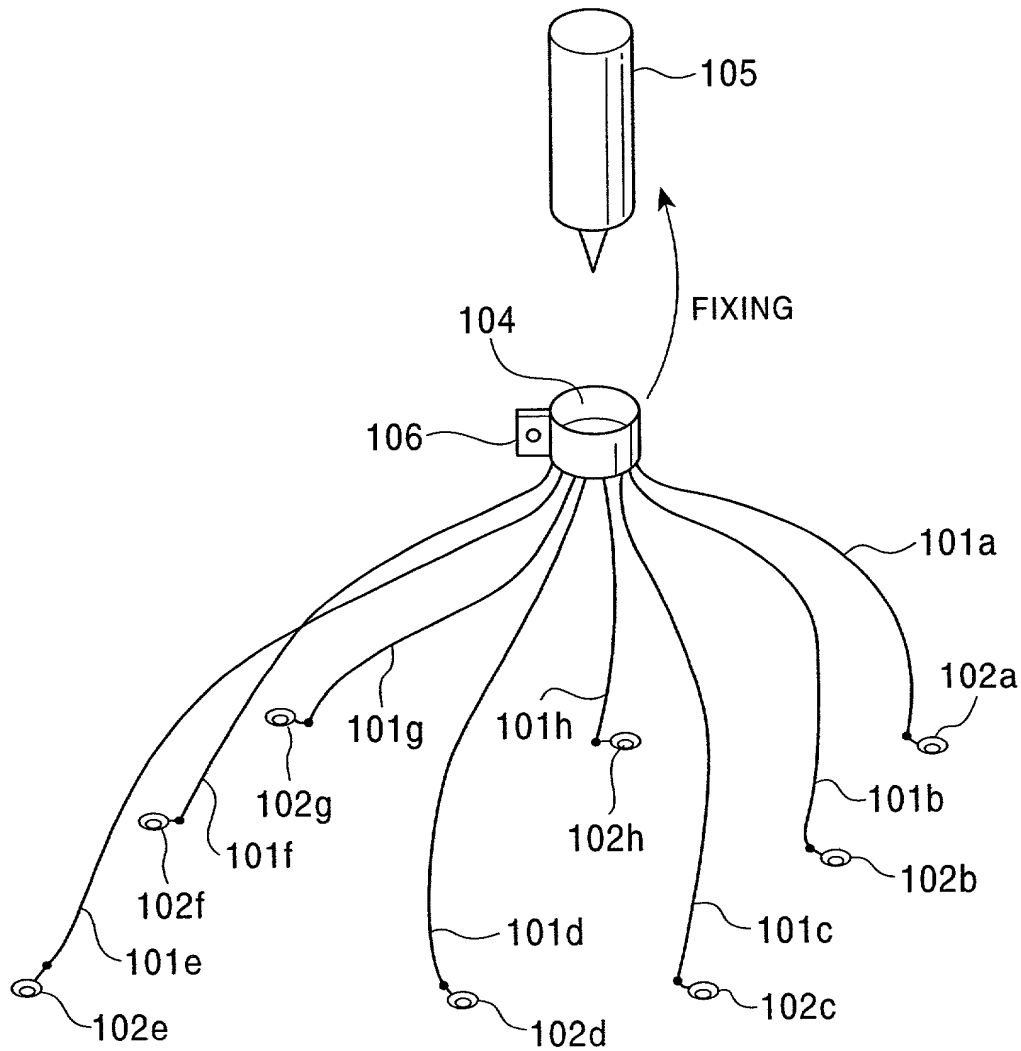
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FIG. 15



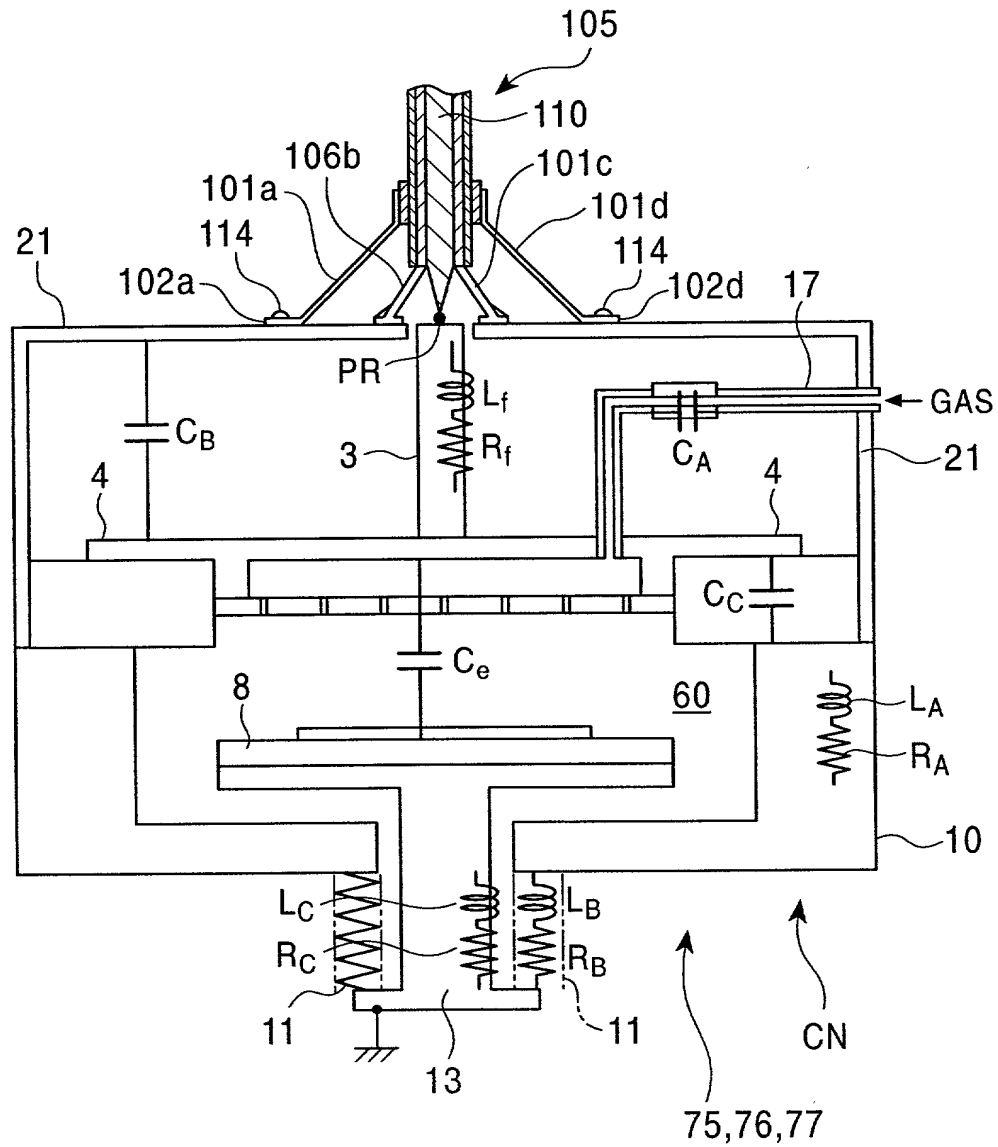
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FIG. 16



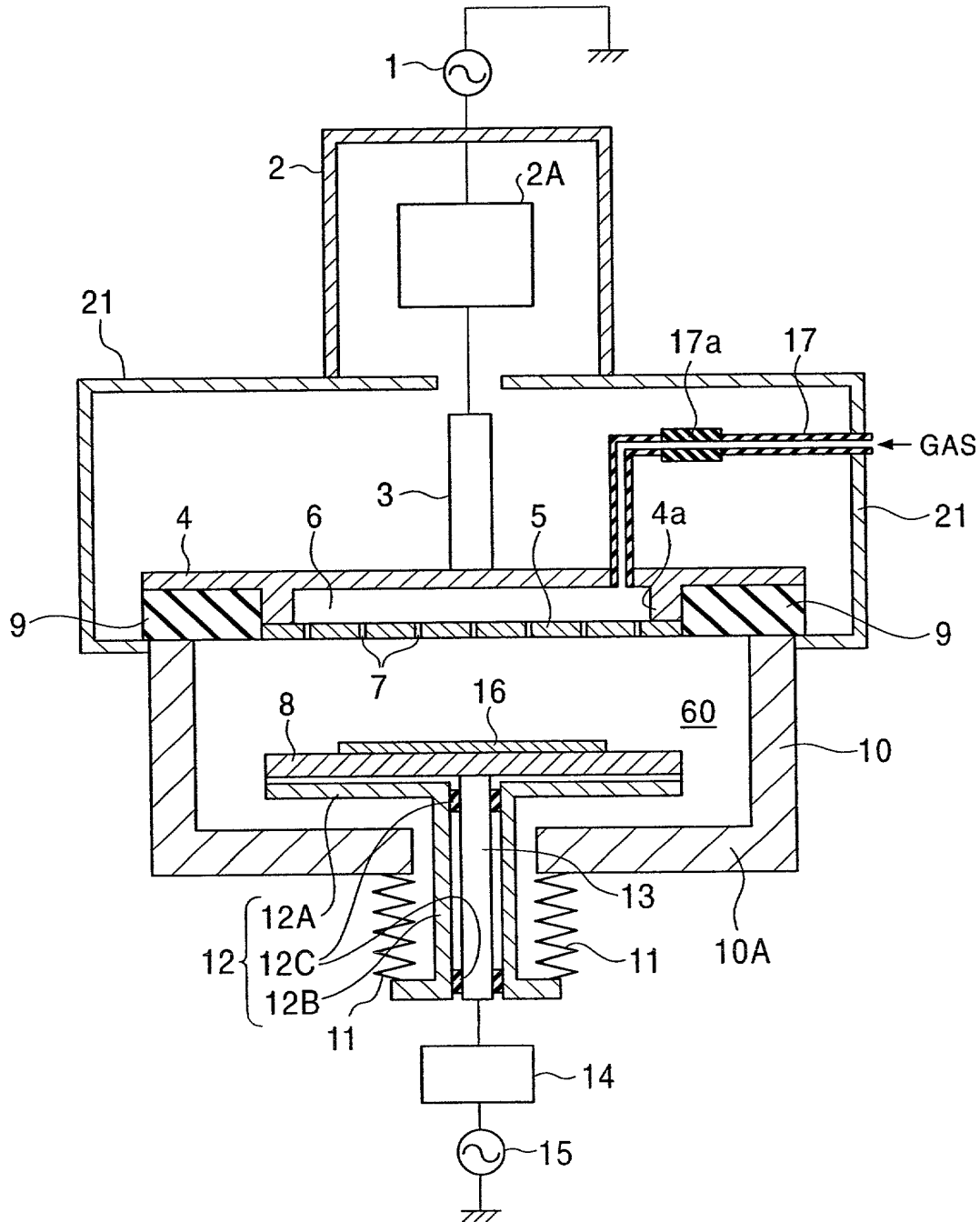
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FIG. 17

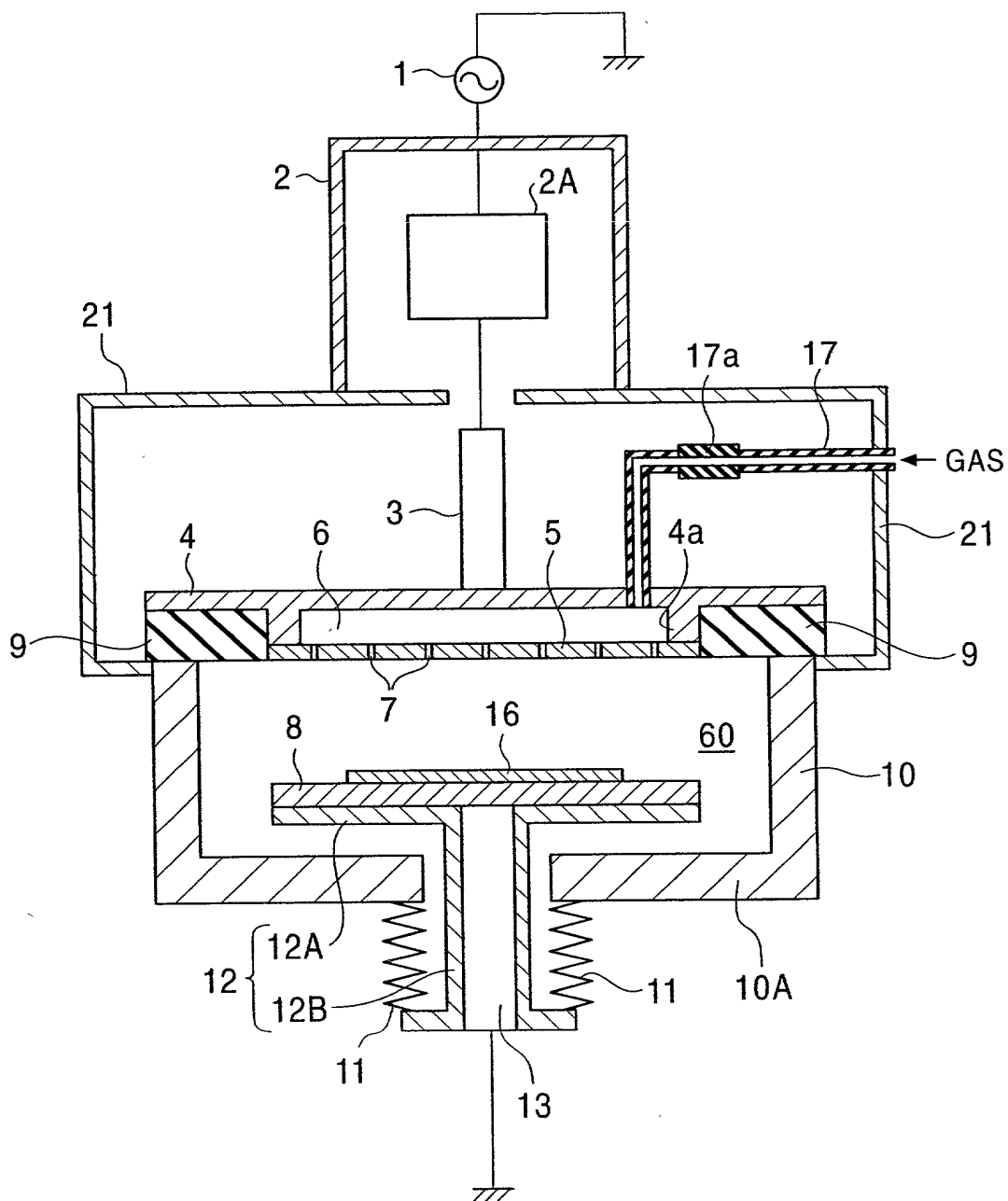


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FIG. 18  
PRIOR ART

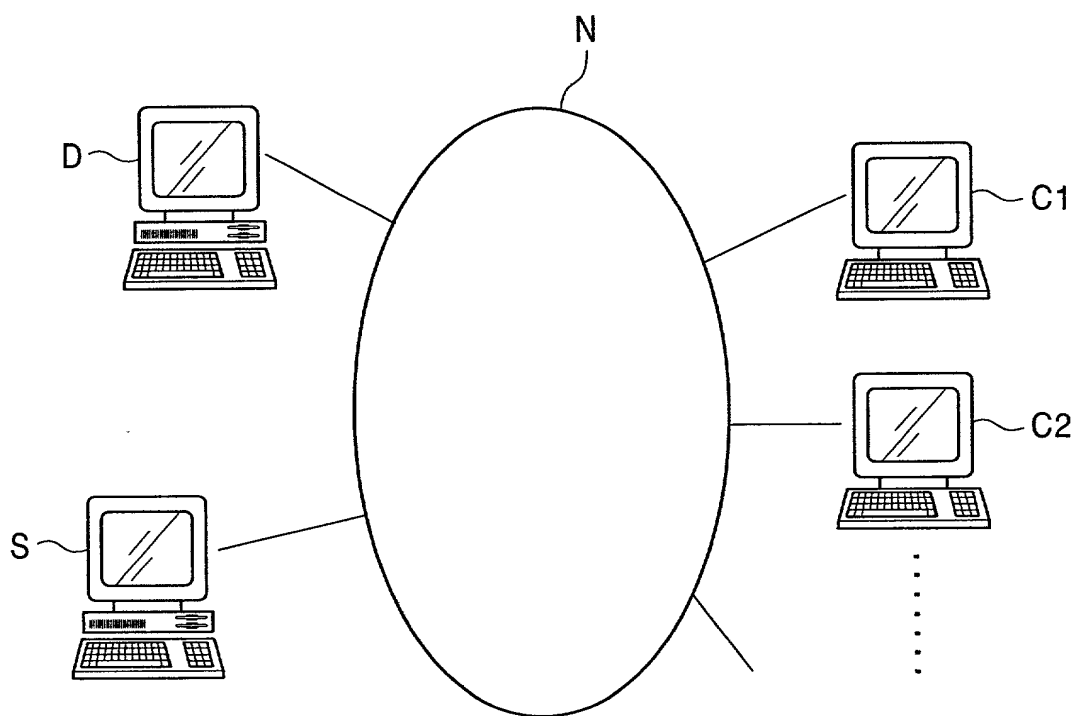






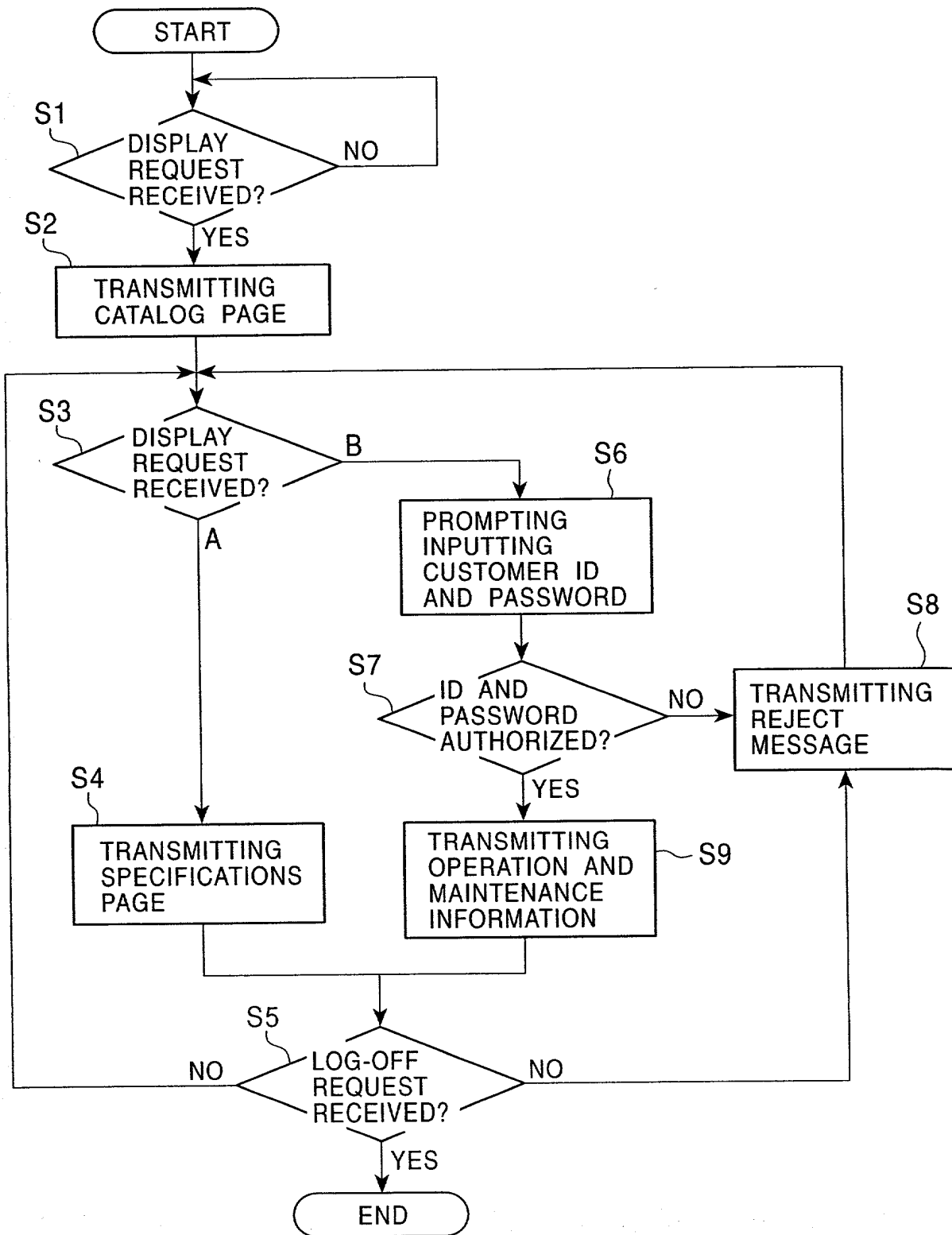
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FIG. 20



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FIG. 21



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FIG. 22

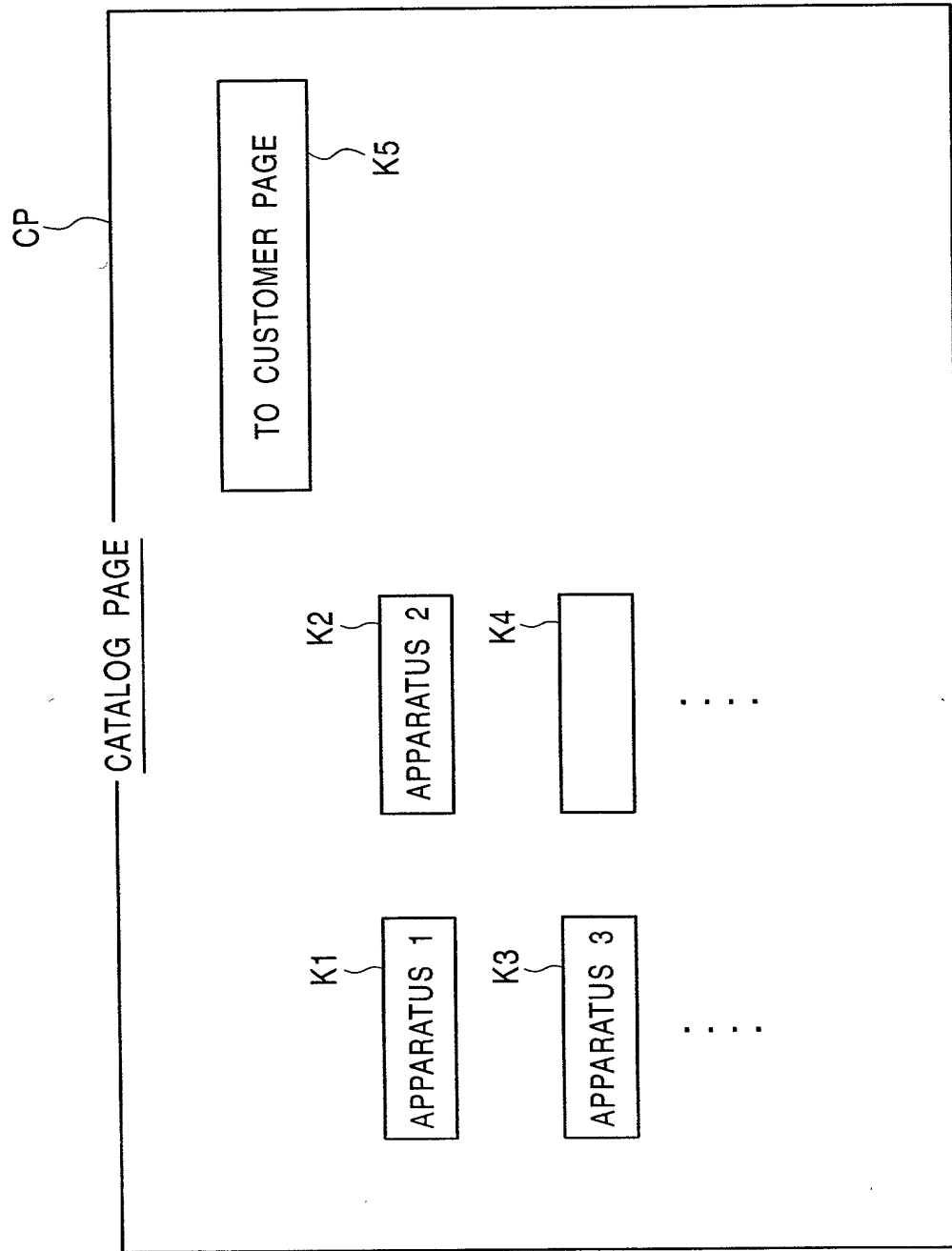
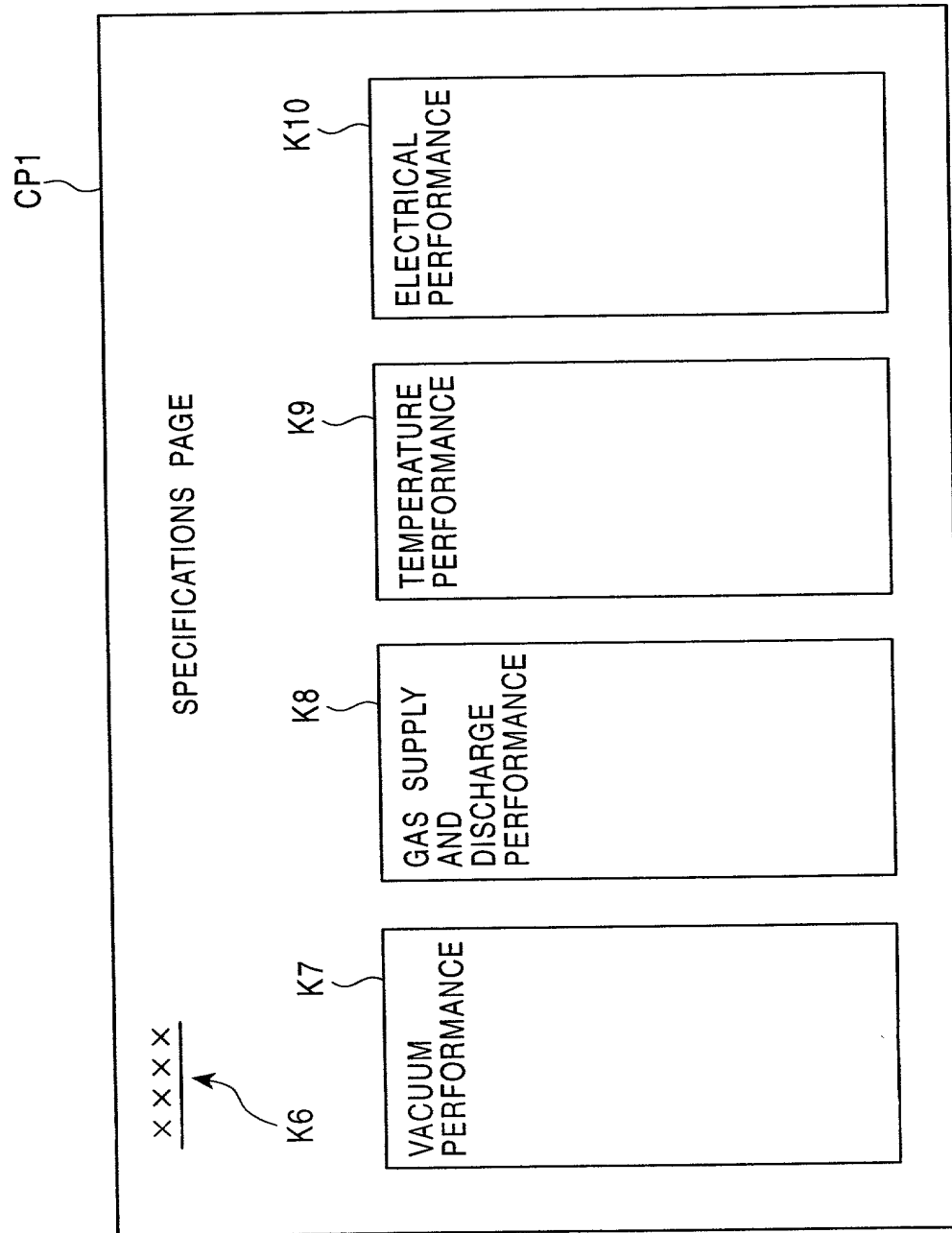


FIG. 23



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FIG. 24

CP2

CUSTOMER PAGE

CUSTOMER ID

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PASSWORD

K12

FIG. 25

CP3

MAINTENANCE HISTORY PAGE

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XXXXX

K7

VACUUM PERFORMANCE

MAINTENANCE HISTORY

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K14

K8

GAS SUPPLY AND DISCHARGE PERFORMANCE

MAINTENANCE HISTORY

DATE

K15

K8

TEMPERATURE PERFORMANCE

MAINTENANCE HISTORY

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K16

K10

ELECTRICAL PERFORMANCE

fo . . . . . Ce . . . . .  
fe . . . . . Cx . . . . .  
Ze . . . . .  
Re . . . . .

MAINTENANCE HISTORY

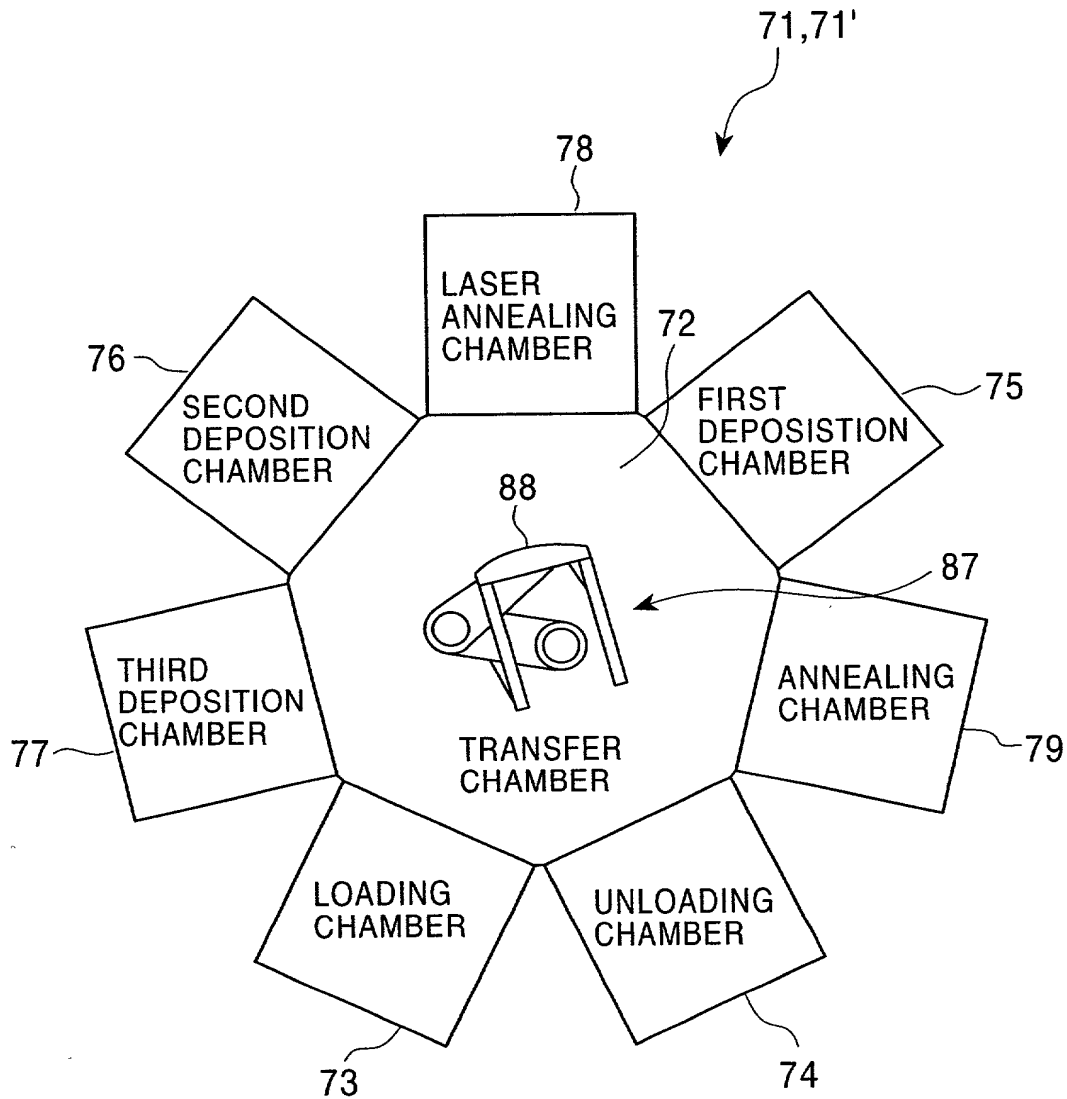
DATE fo fe Ze Re Ce Cx

7/27 45.3 40.66 8 3.1 37 1800

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FIG. 26





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FIG. 27

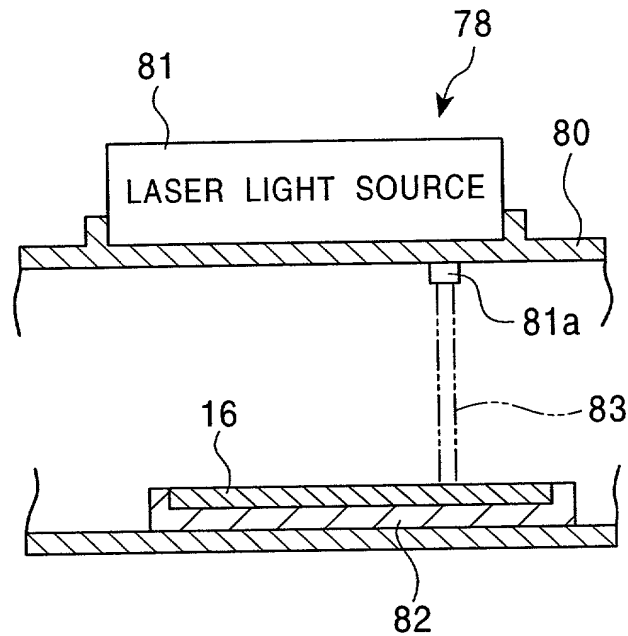
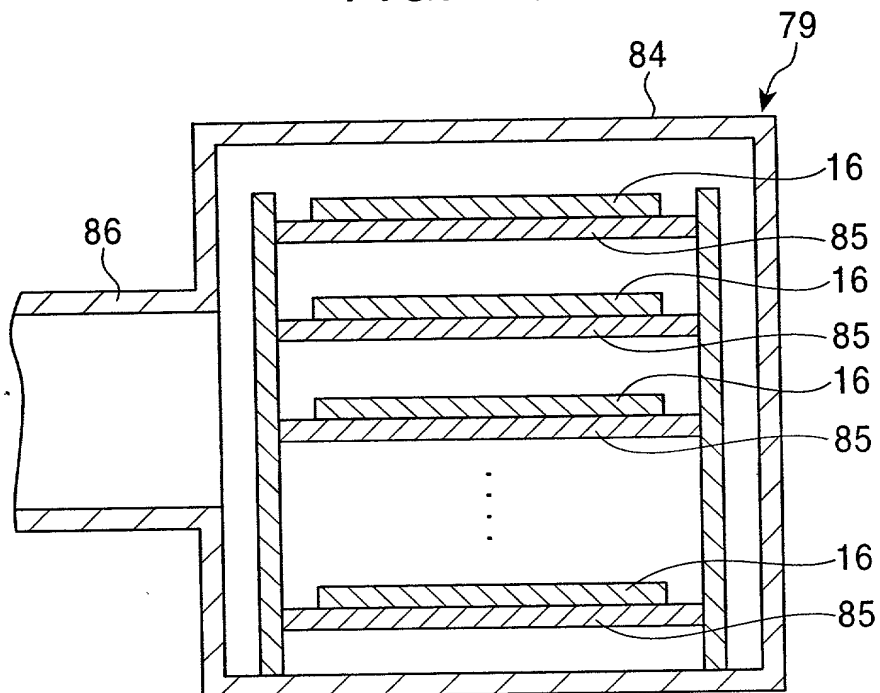
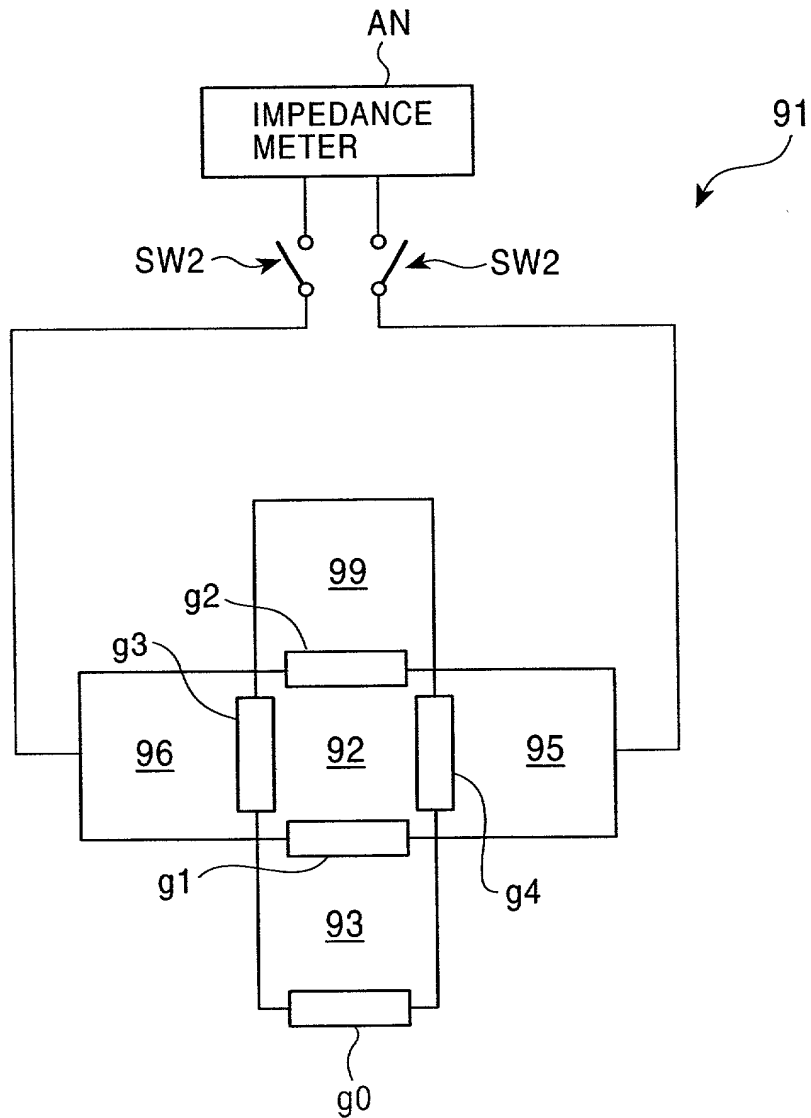


FIG. 28



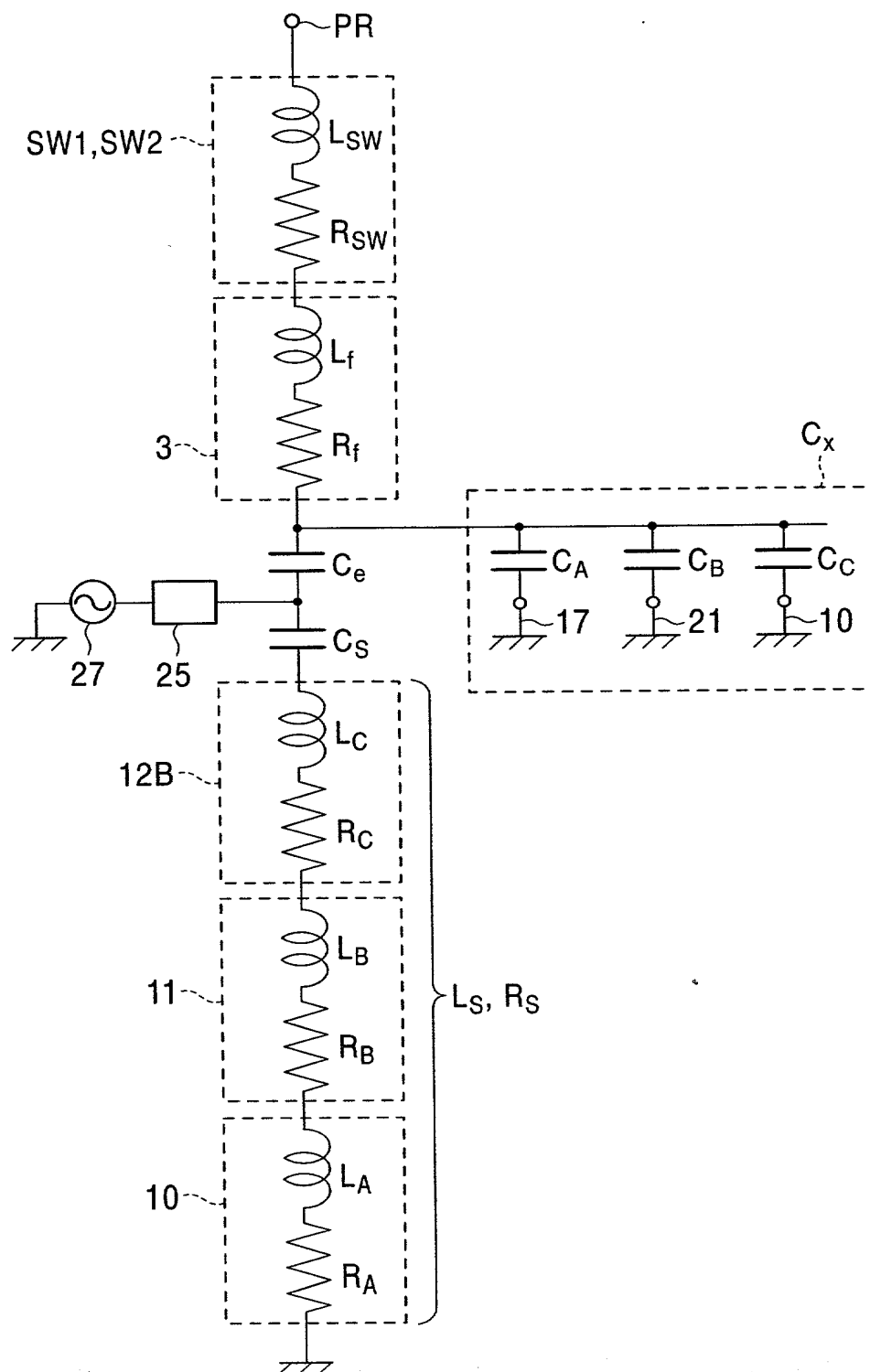
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FIG. 29



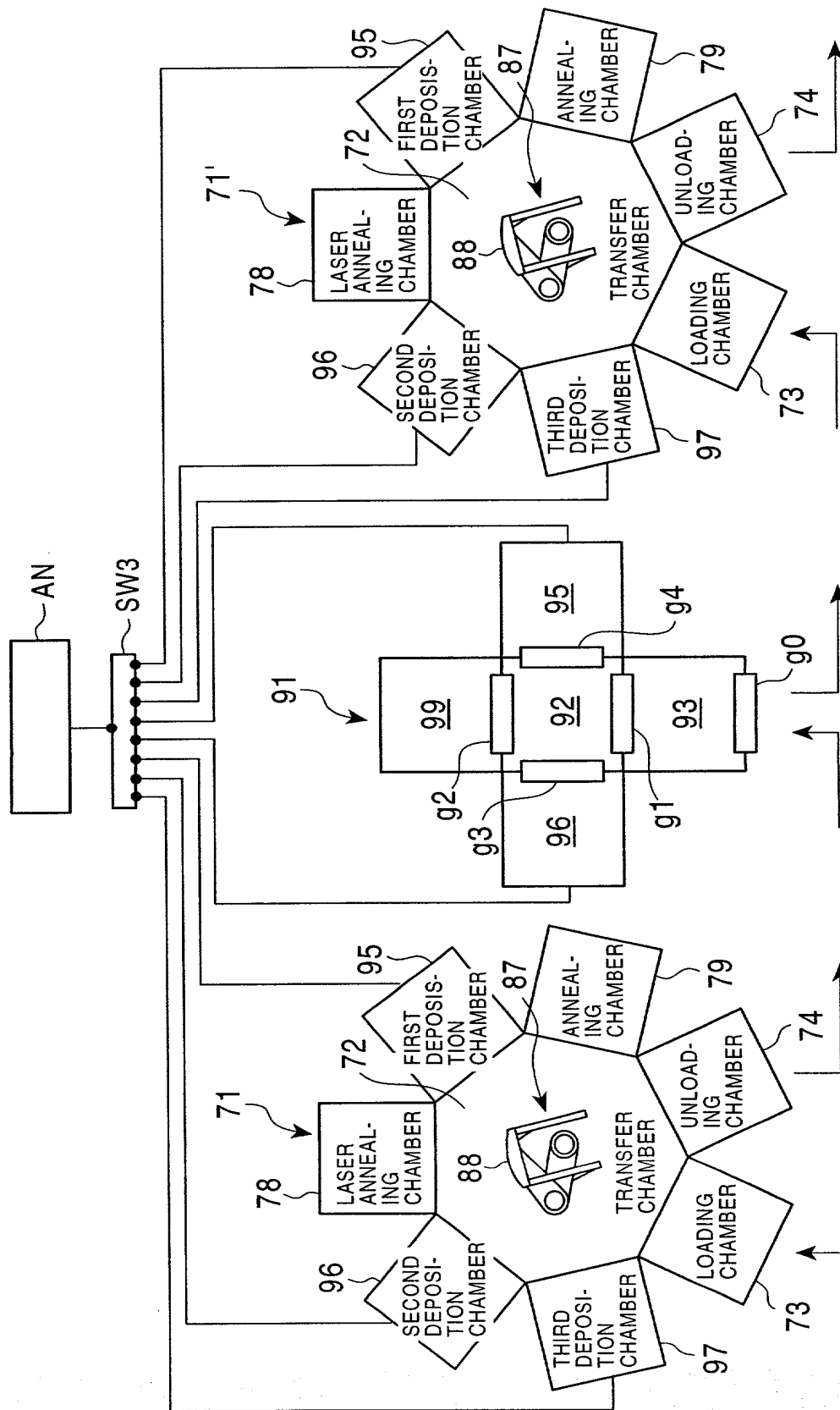
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FIG. 30



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FIG. 31



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FIG. 32

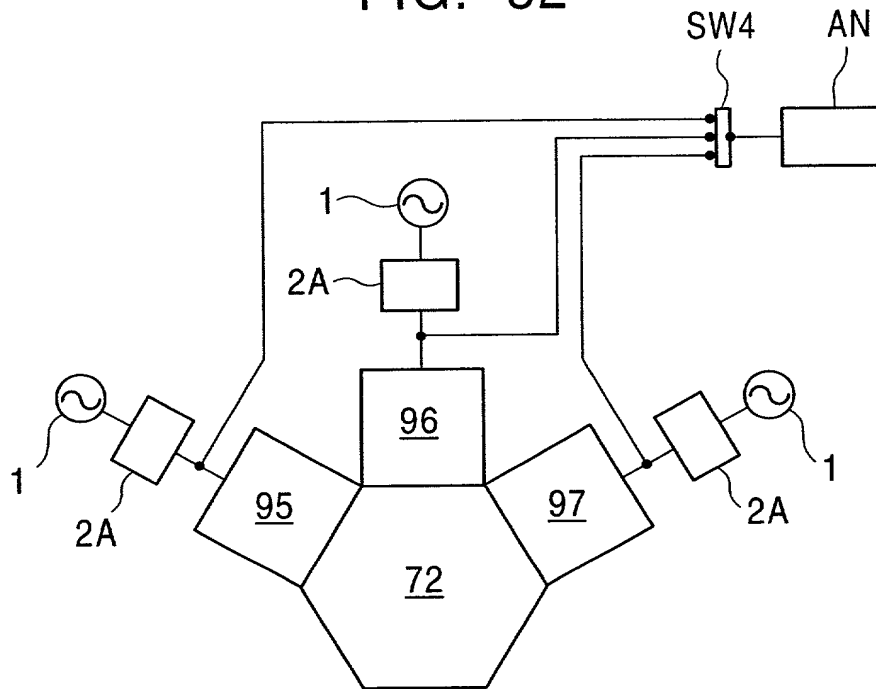
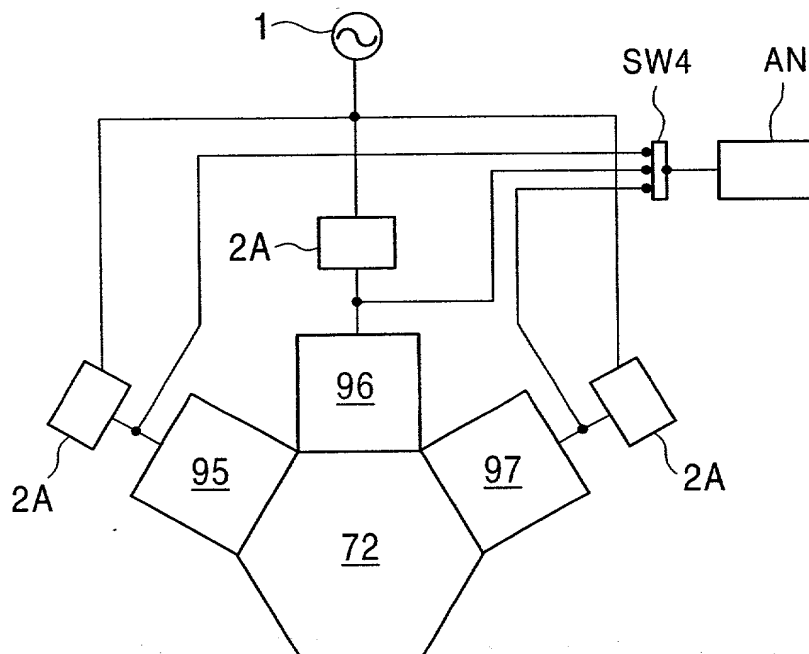
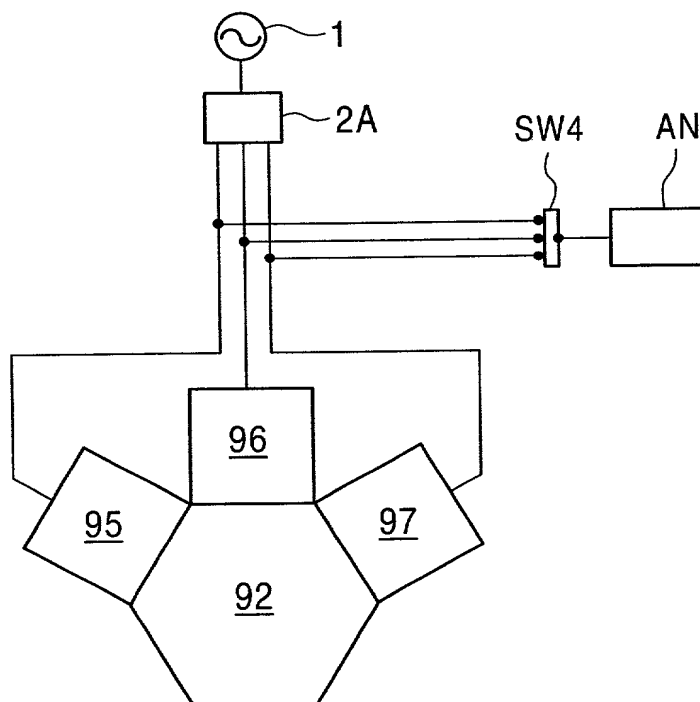


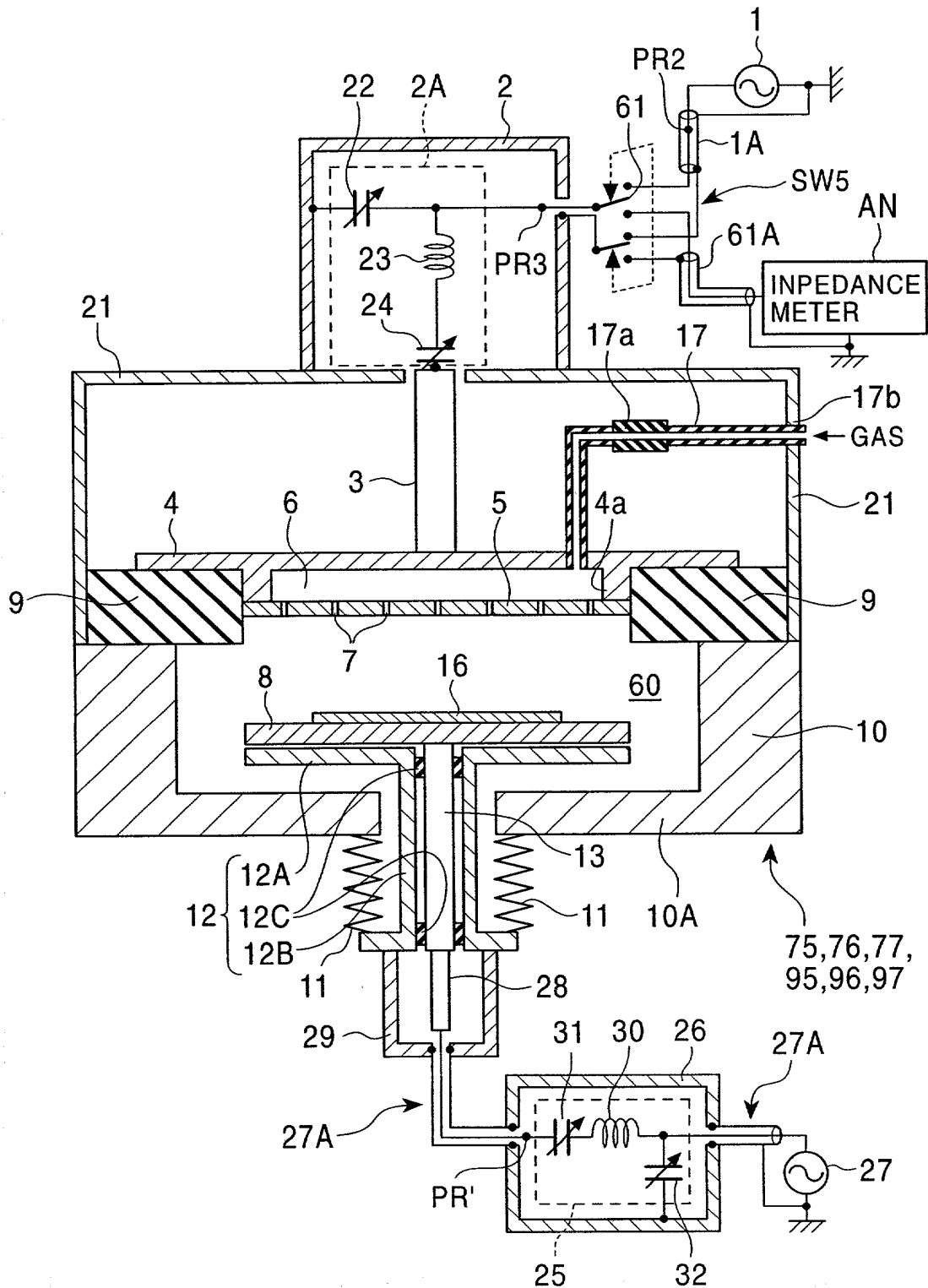
FIG. 33



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FIG. 34









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FIG. 37

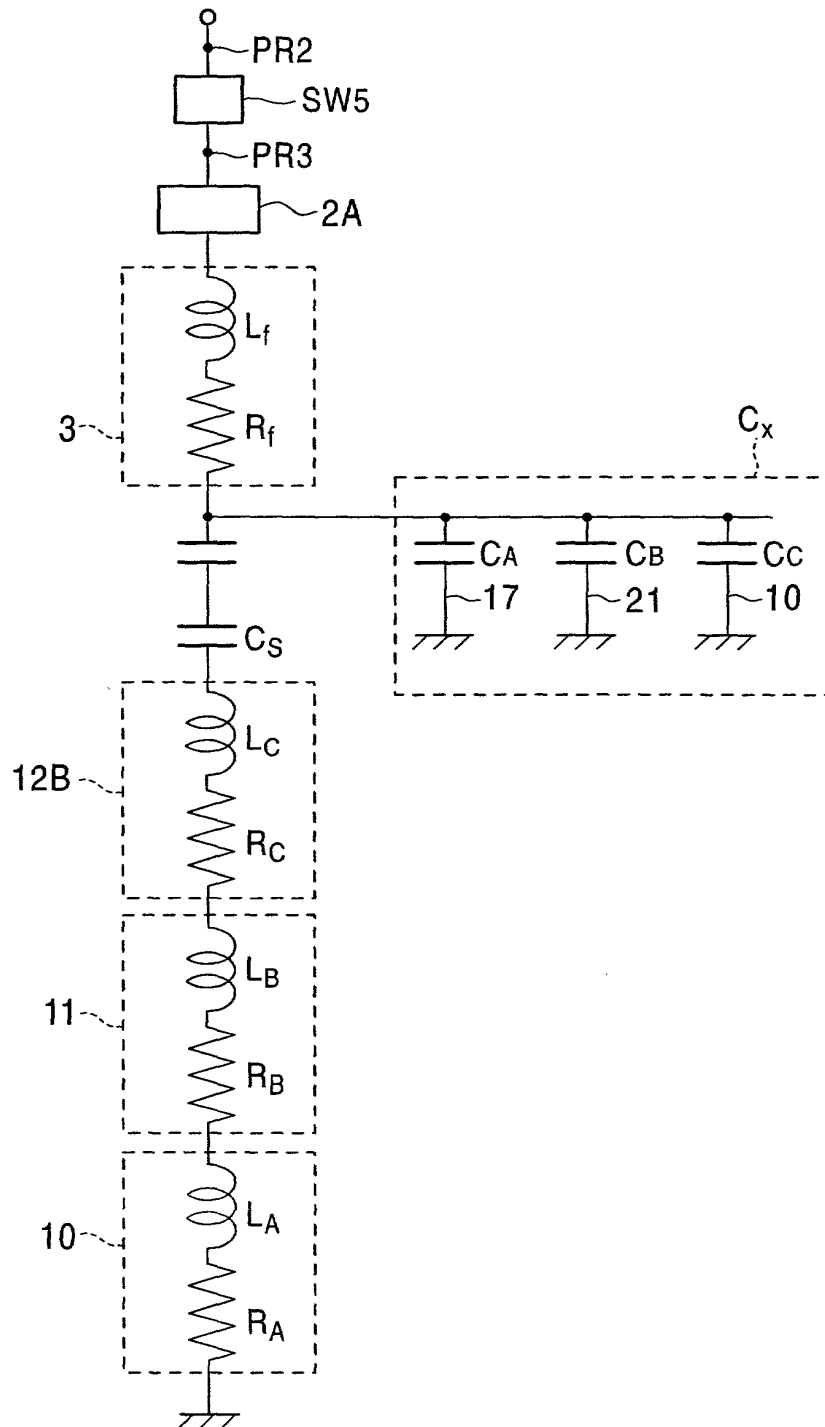


FIG. 38

CP3

MAINTENANCE HISTORY PAGE

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VACUUM PERFORMANCE

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MAINTENANCE HISTORY

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TAIL

DATE

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GAS SUPPLY AND DISCHARGE PERFORMANCE

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TAIL

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TEMPERATURE PERFORMANCE

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ELECTRICAL PERFORMANCE

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CP4

DETAILED	MAINTENANCE	PAGE
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DETAILED MAINTENANCE PAGE

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ELECTRICAL PERFORMANCE

f <sub>o</sub> ...	f <sub>e</sub> ...	Z <sub>e</sub> ...	R <sub>e</sub> ...	C <sub>e</sub> ...	C <sub>x</sub> ...
--------------------	--------------------	--------------------	--------------------	--------------------	--------------------

MAINTENANCE HISTORY

K10

K13

K13

DATE

CHAMBER 1 XXXXX

CHAMBER 2 XXXXX

VARIATIONS XXXX

f <sub>o</sub>	f <sub>e</sub>	Z <sub>e</sub>	R <sub>e</sub>	C <sub>e</sub>	C <sub>x</sub>	f <sub>o</sub>	f <sub>e</sub>	Z <sub>e</sub>	R <sub>e</sub>	C <sub>e</sub>	C <sub>x</sub>	f <sub>o</sub>	f <sub>e</sub>	Z <sub>e</sub>	R <sub>e</sub>	C <sub>e</sub>	C <sub>x</sub>	
MHz	MHz	Ω	Ω	pF	pF	MHz	MHz	Ω	Ω	pF	pF	MHz	MHz	Ω	Ω	pF	pF	pF
7/27	45.3	40.68	8	3.1	1800	45.3	40.68	8	3.1	37	1800	0	0	0	0	0	0	0.01

FIG. 40

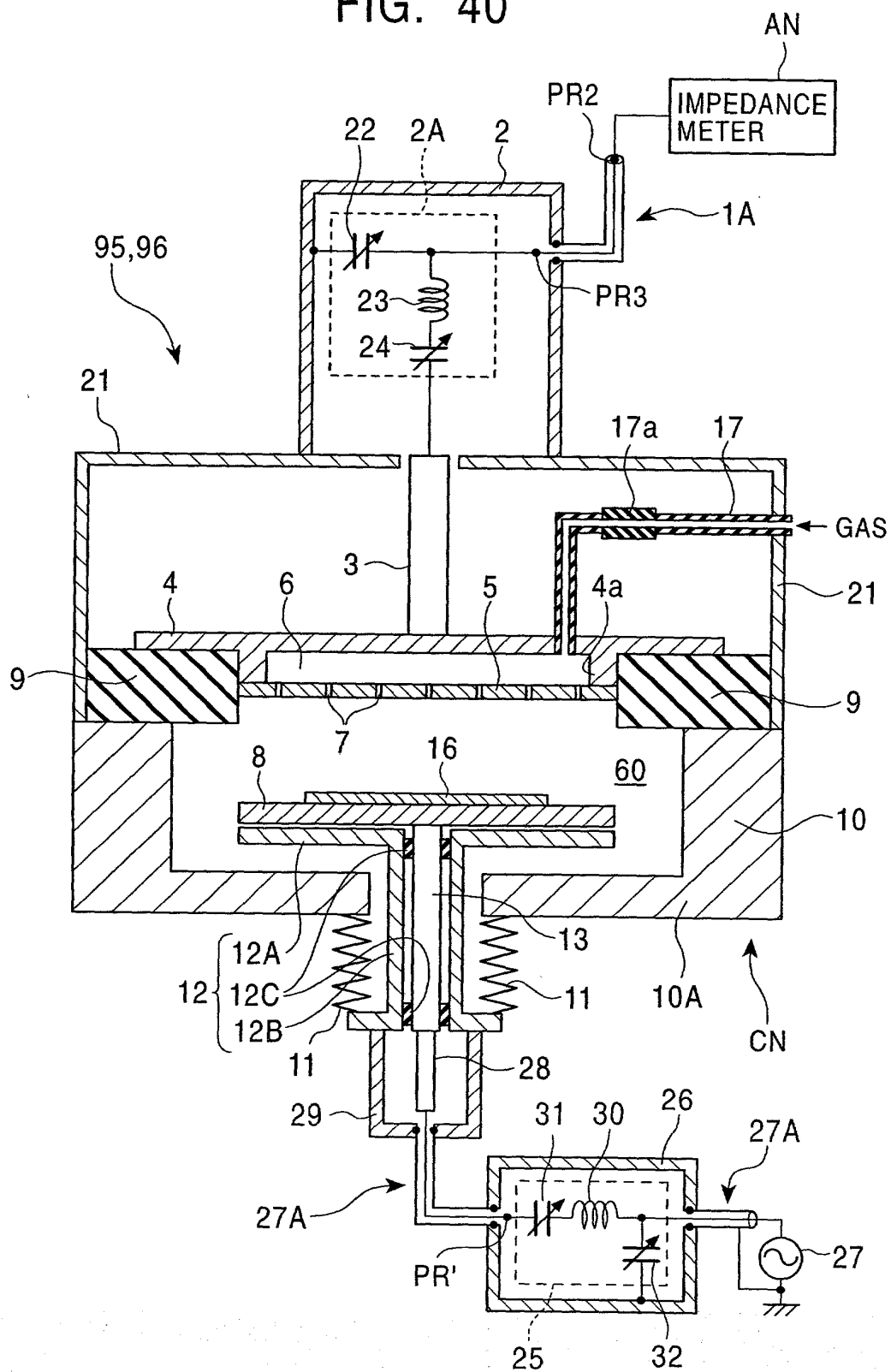


FIG. 41

